

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1494	(ethylene adj oxide) same (epoxyethane oxirane (dimethylene adj oxide))	US-PGPUB; USPAT	OR	ON	2007/05/02 16:24
S2	960	(propylene adj oxide) same (epoxypropane oxetane)	US-PGPUB; USPAT	OR	ON	2007/05/02 16:25
S3	133	S1 and S2	US-PGPUB; USPAT	OR	ON	2007/05/02 16:25
S4	114525	polyisocyanate isocyanate diisocyanate triisocyanate	US-PGPUB; USPAT	OR	ON	2007/05/02 16:26
S5	71	S3 and S4	US-PGPUB; USPAT	OR	ON	2007/05/02 16:26
S6	19144	trimethylol adj propane	US-PGPUB; USPAT	OR	ON	2007/05/02 16:26
S7	181605	glycerol	US-PGPUB; USPAT	OR	ON	2007/05/02 16:26
S8	32	S5 and (S6 S7)	US-PGPUB; USPAT	OR	ON	2007/05/02 16:32
S9	1464	(water adj2 dispers\$4) with (isocyanate diisocyanate polyisocyanate)	US-PGPUB; USPAT	OR	ON	2007/05/02 16:35
S10	140450	nonionic (non-ionic) (non adj ionic)	US-PGPUB; USPAT	OR	ON	2007/05/02 16:33
S11	793	S9 and S10	US-PGPUB; USPAT	OR	ON	2007/05/02 16:33
S12	133	S1 and S2	US-PGPUB; USPAT	OR	ON	2007/05/02 16:33
S13	0	S11 and S12	US-PGPUB; USPAT	OR	ON	2007/05/02 16:33
S14	1	S1 and S11	US-PGPUB; USPAT	OR	ON	2007/05/02 16:34
S15	434	S11 and (ethylene oxide) and ((trimethylol adj propane) (glycerol))	US-PGPUB; USPAT	OR	ON	2007/05/02 16:35
S16	376	(water adj2 dispers\$4) adj (isocyanate diisocyanate polyisocyanate)	US-PGPUB; USPAT	OR	ON	2007/05/02 16:35
S17	368	(water adj dispers\$4) adj (isocyanate diisocyanate polyisocyanate)	US-PGPUB; USPAT	OR	ON	2007/05/02 16:35
S18	242	S10 and S17	US-PGPUB; USPAT	OR	ON	2007/05/02 16:35

## EAST Search History

S19	112	S18 and (ethylene oxide) and ((trimethylol adj propane) (glycerol))	US-PGPUB; USPAT	OR	ON	2007/05/02 16:49
S20	20	((water adj2 dispers\$4) adj (isocyanate diisocyanate polyisocyanate)).ti.	US-PGPUB; USPAT	OR	ON	2007/05/02 16:37
S21	1	("4,663,377").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 16:38
S22	1	("5,200,489").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 16:40
S23	1	("5,252,696").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 16:41
S24	1	("6,221,995").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 16:41
S25	1	"4079028".PN.	USPAT; USOCR	OR	OFF	2007/05/02 16:49
S26	73	S19 and block\$4	US-PGPUB; USPAT	OR	ON	2007/05/02 16:50
S27	50	S19 and ((polyisocyanate diisocyanate triisocyanate isocyanate) with block\$4)	US-PGPUB; USPAT	OR	ON	2007/05/03 14:41
S28	1	("3,905,929").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 16:54
S29	1	("3,920,598").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 16:54
S30	1	("4,190,566").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 16:54
S31	1	("5373050").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 17:09
S32	1	("5998539").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/03 12:08
S33	140626	nonionic (non-ionic) (non adj ionic)	US-PGPUB; USPAT	OR	ON	2007/05/03 15:02
S34	369	(water adj dispers\$4) adj (isocyanate diisocyanate polyisocyanate)	US-PGPUB; USPAT	OR	ON	2007/05/03 14:41
S35	243	S33 and S34	US-PGPUB; USPAT	OR	ON	2007/05/03 14:41

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S36	113	S35 and (ethylene oxide) and ((trimethylol adj propane) (glycerol))	US-PGPUB; USPAT	OR	ON	2007/05/03 14:41
S37	4	(S36 and ((polyisocyanate diisocyanate triisocyanate isocyanate) with block\$4)) and ("3, 5" with (imidazole dimethylpurazole pyrazole))	US-PGPUB; USPAT	OR	ON	2007/05/03 14:43
S38	10	(S36 and ((polyisocyanate diisocyanate triisocyanate isocyanate) with block\$4)) and (pyrazole ("3,5" with (imidazole dimethylpurazole pyrazole)))	US-PGPUB; USPAT	OR	ON	2007/05/03 14:42
S39	15964	(imidazole with pyrazole) and (pyrazole ("3,5" with (imidazole dimethylpurazole pyrazole)))	US-PGPUB; USPAT	OR	ON	2007/05/03 14:47
S40	79	(imidazole with pyrazole) and (pyrazole ("3,5" with (imidazole dimethylpurazole pyrazole))) with isocyanate	US-PGPUB; USPAT	OR	ON	2007/05/03 14:47
S41	8	(imidazole with pyrazole) and (pyrazole ("3,5" with (imidazole dimethylpurazole pyrazole))) with isocyanate and (water adj dispersi\$5)	US-PGPUB; USPAT	OR	ON	2007/05/03 14:47
S42	465	(imidazole with pyrazole) and (pyrazole ("3,5" with (imidazole dimethylpurazole pyrazole))) and isocyanate and (water adj dispersi\$5)	US-PGPUB; USPAT	OR	ON	2007/05/03 14:47
S43	74	(imidazole with pyrazole) and (pyrazole ("3,5" with (imidazole dimethylpurazole pyrazole))) and isocyanate same (water adj dispersi\$5)	US-PGPUB; USPAT	OR	ON	2007/05/03 14:49
S44	43	(imidazole with pyrazole) and ("3, 5" with (imidazole dimethylpurazole pyrazole))) and isocyanate same (water adj dispersi\$5)	US-PGPUB; USPAT	OR	ON	2007/05/03 14:50
S45	37	(imidazole with pyrazole) and ("3, 5" with (imidazole dimethylpurazole pyrazole))) and (isocyanate same (water adj dispersi\$5)) and ((non adj ionic) (nonionic) (non-ionic))	US-PGPUB; USPAT	OR	ON	2007/05/03 14:51
S46	37	(imidazole with pyrazole) and ("3, 5" with (imidazole dimethylpurazole pyrazole))) and (isocyanate same (water adj dispersi\$5)) and ((non adj ionic) (nonionic))	US-PGPUB; USPAT	OR	ON	2007/05/03 14:51

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S47	1	((nonionic (non-ionic) (non adj ionic)) and isocyanate).ti.	US-PGPUB; USPAT	OR	ON	2007/05/03 15:02
S48	5	((nonionic (non-ionic) (non adj ionic)) and (polyisocyanates polyisocyanate isocyanates isocyanate)).ti.	US-PGPUB; USPAT	OR	ON	2007/05/03 15:04
S49	22	((nonionic (non-ionic) (non adj ionic)) and ((water adj dispersi\$4) and (polyisocyanates polyisocyanate isocyanates isocyanate)).ti.)	US-PGPUB; USPAT	OR	ON	2007/05/03 15:07
S50	1	("6,221,995").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/03 15:06
S51	1	((nonionic (non-ionic) (non adj ionic)) and ((water adj dispersi\$4) and (polyisocyanates polyisocyanate isocyanates isocyanate)).ti.) and (pyrazole)	US-PGPUB; USPAT	OR	ON	2007/05/03 15:09
S52	2	((nonionic (non-ionic) (non adj ionic)) and ((water adj dispersi\$4) and (polyisocyanates polyisocyanate isocyanates isocyanate)).ti.) and (dimethylpyrazole)	US-PGPUB; USPAT	OR	ON	2007/05/03 15:10
S53	2	((nonionic (non-ionic) (non adj ionic)) and ((water adj dispersi\$4) and (polyisocyanates polyisocyanate isocyanates isocyanate)).ti.) and (dimethylpyrazole dmp)	US-PGPUB; USPAT	OR	ON	2007/05/03 15:11
S54	0	((nonionic (non-ionic) (non adj ionic)) and ((water adj dispersi\$4) and (polyisocyanates polyisocyanate isocyanates isocyanate)).ti.) and (dmp)	US-PGPUB; USPAT	OR	ON	2007/05/03 15:11
S55	1	("5693737").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/03 15:38
S56	6	("5693737").URPN.	USPAT	OR	OFF	2007/05/03 15:38
S57	1	"5508370".PN.	USPAT; USOCR	OR	OFF	2007/05/03 15:40
S58	1	"4936865".PN.	USPAT; USOCR	OR	OFF	2007/05/03 15:41
S59	1	"4859754".PN.	USPAT; USOCR	OR	OFF	2007/05/03 15:41
S60	1	"4859754".PN.	USPAT; USOCR	OR	OFF	2007/05/03 15:41

## EAST Search History

S61	1	"4781844".PN.	USPAT; USOCR	OR	OFF	2007/05/03 15:41
S62	1	"4670100".PN.	USPAT; USOCR	OR	OFF	2007/05/03 15:41
S63	1	"4468527".PN.	USPAT; USOCR	OR	OFF	2007/05/03 15:41
S64	1	"4357441".PN.	USPAT; USOCR	OR	OFF	2007/05/03 15:41
S65	1	"4340749".PN.	USPAT; USOCR	OR	OFF	2007/05/03 15:41
S66	1	"4321403".PN.	USPAT; USOCR	OR	OFF	2007/05/03 15:42
S67	1	"4296244".PN.	USPAT; USOCR	OR	OFF	2007/05/03 15:42
S68	1	"4284544".PN.	USPAT; USOCR	OR	OFF	2007/05/03 15:42
S69	1	"4264484".PN.	USPAT; USOCR	OR	OFF	2007/05/03 15:42
S70	1	"4123423".PN.	USPAT; USOCR	OR	OFF	2007/05/03 15:42
S71	1	"4098933".PN.	USPAT; USOCR	OR	OFF	2007/05/03 15:42
S72	1	"4039517".PN.	USPAT; USOCR	OR	OFF	2007/05/03 15:42
S73	1	"3993833".PN.	USPAT; USOCR	OR	OFF	2007/05/03 15:42
S74	1	"3879440".PN.	USPAT; USOCR	OR	OFF	2007/05/03 15:43
S75	2	"3752783".PN.	USPAT; USOCR	OR	OFF	2007/05/03 15:43
S76	2	"3736300".PN.	USPAT; USOCR	OR	OFF	2007/05/03 15:43
S77	1	"3681426".PN.	USPAT; USOCR	OR	OFF	2007/05/03 15:43
S78	2	"3657320".PN.	USPAT; USOCR	OR	OFF	2007/05/03 15:43
S79	2	"3636085".PN.	USPAT; USOCR	OR	OFF	2007/05/03 15:43
S80	2	"3356628".PN.	USPAT; USOCR	OR	OFF	2007/05/03 15:43
S81	2	"3329661".PN.	USPAT; USOCR	OR	OFF	2007/05/03 15:43